

## Memorandum

**To:** ALL CONSTRUCTION SENIORS and ABOVE  
ALL RESIDENT ENGINEERS

**Date:** July 20, 2001

**File:** Division of Construction  
Directive CPD 01-7

**From:** DEPARTMENT OF TRANSPORTATION  
DIVISION OF CONSTRUCTION, MS 44

**Subject:** New Storm Water Sampling and Analysis Requirements Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permits for Caltrans & Contract Change Order (CCO) Guidelines for Construction

Construction Procedure Directive (CPD) 01-7 implements a new requirement to sample and analyze storm water runoff from construction sites.

The attached contract change order (CCO) guidelines are to be used to comply with the State Water Resources Control Board (SWRCB) court ordered decision on April 24, 2001, to modify the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity (CAS000002) to include new sampling and analytical requirements for construction projects. These guidelines apply only to projects that require the development of storm water pollution prevention plans (SWPPPs). Projects requiring water pollution control plans (WPCPs) are not regulated by the general construction activity NPDES permit and do not require CCO. Projects that will be completed by August 1, 2001, the permit implementation date, also do not require CCOs. If you are unsure if your project requires a CCO, please contact your district construction storm water coordinator. The CCOs should be initiated by August 1, 2001.

The intent of the new requirement is to sample and analyze to verify that best management practices (BMPs) implemented on the construction site are effective for preventing sediment/silt and other construction-related pollutants from impacting water quality objectives. The new requirement requires the preparation of a sampling and analysis plan (SAP) and the collection of storm water quality samples if certain conditions exist. This new requirement is effective on August 1, 2001.

Resident engineers are encouraged to utilize the assistance of the district construction storm water coordinator (CSWCs) and Storm Water Task Force Consultant Holmes & Narver, Inc. CSWCs and selected staff at Holmes & Narver, Inc. have been provided training regarding these new sampling and analysis requirements. Two additional consultant contractors are available to resident engineers for the review of the SAP required by the NPDES permit. The master service contract for the "Clearance of Right of Way of Hazardous Materials/Waste and Underground Tanks found during Construction" may be used to review SAP required in this CPD to ensure that all the necessary information is included in the CCOs. Information regarding the use of this contract is enclosed in the change order guidelines. An additional

ALL CONSTRUCTION SENIORS and ABOVE  
ALL RESIDENT ENGINEERS  
July 20, 2001  
Page 2

consultant contractor service has also been made available utilizing the environmental consultant Geomatrix and Holmes and Narver have been contracted to conduct the reviews of the SAP. Resident engineers can contact Holmes & Narver directly at (714) 567-2460 to request reviews of their SAP. This contract has limited funding and may not be adequate for all project reviews.

The CCOs for this directive do not require Federal Highway Administration (FHWA) approval. FHWA granted a prior blanket approval for all SWPPP related CCO on October 10, 2000. A copy of this approval is attached. In addition, the Division of Construction's review and approval will follow established requirements and procedures as identified in the *Construction Manual*.

An electronic Microsoft Word version copy of the change order guidelines including the checklist and templates are available on the Division of Construction's Intranet site at: <http://roadware.dot.ca.gov> or from your district construction storm water coordinator.

These guidelines do not supersede local requirements, consent decrees, or other court orders. Each district construction contract may require additional items beyond the requirements of the permits.

Attached, you will find general background and information, templates for the two CCOs, a CCO checklist, and a sample CCO list of additional items.

If you have any questions or concerns, please e-mail or call Jerry Marcotte at (916) 653-3134, or your district construction storm water coordinator.

Original signed by Jon Tapping for:

ROBERT PIEPLOW  
Chief  
Division of Construction

Attachment

JM:sf